



#10/E.D.S

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Havenga et al.

Serial No.: 10/010,645

Filed: November 13, 2001

For: GENE DELIVERY VECTORS WITH
CELL TYPE SPECIFICITY FOR
MESENCHYMAL STEM CELLS

Confirmation No.: 4875

Examiner: B. Whiteman

Group Art Unit: 1645

Attorney Docket No.: 2578-5006.1US

CERTIFICATE OF MAILING

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being deposited with the United States Postal Service as First Class Mail on the date of deposit shown below with sufficient postage and in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 21, 2003
Date

Signature

Betty Vowles
Name (Type/Print)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of the listed documents are enclosed pursuant to 37 C.F.R. § 1.98(a).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in

Serial No.: 10/010,645

37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56(b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 6,210,946 B1	04-03-2001	Curiel et al.
US - 6,395,875	05-28-2002	Freimuth
US - 6,455,314	09-24-2002	Wickham et al.
US - 6,479,290	11-12-2002	Mehtali et al.
US - 20030053990	03-20-2003	Rabinowitz et al.
US - 20030077813	04-24-2003	Freimuth

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, Applicants hereby identify the following listed copending applications naming a common inventor(s):

Attorney Docket No.: 2578-3840US
Serial No.: 09/065,752
Filing Date: 4/24/1998
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-4230US
Serial No.: 09/214,836
Filing Date: 10/4/1999
Title: MELANOMA ASSOCIATED PEPTIDE ANALOGUES AND
VACCINES AGAINST MELANOMA

Attorney Docket No.: 2578-4075US
Serial No.: 09/332,803
Filing Date: 6/14/1999
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-4123.2US
Serial No.: 09/348,354
Filing Date: 7/7/1999
Title: CHIMAERIC ADENOVIRUSES

Attorney Docket No.: 2578-4231US
Serial No.: 09/444,284
Filing Date: 11/19/1999
Title: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE
TROPISM FOR SMOOTH MUSCLE CELLS, AND/OR
ENDOTHELIAL CELLS

Attorney Docket No.: 2578-3833.3US
Serial No.: 09/506,548
Filing Date: 2/16/2000
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3982.2US
Serial No.: 09/517,898
Filing Date: 3/3/2000
Title: MEANS AND METHODS FOR FIBROBLAST-LIKE OR
MACROPHAGE-LIKE CELL TRANSDUCTION

Attorney Docket No.: 2578-4038.1US
Serial No.: 09/549,463
Filing Date: 4/14/2000
Title: RECOMBINANT PROTEIN PRODUCTION IN A HUMAN
CELL

Attorney Docket No.: 2578-4070.1US
Serial No.: 09/573,740
Filing Date: 5/18/2000
Title: SEROTYPES OF ADENOVIRUS AND USES THEREOF

Attorney Docket No.: 2578-4192.1US
Serial No.: 09/657,492
Filing Date: 9/8/2000
Title: MODIFIED ADENOVIRAL VECTORS FOR USE IN GENE
THERAPY

Attorney Docket No.: 2578-4489US
Serial No.: 09/665,472
Filing Date: 9/20/2000
Title: GENE DELIVERY VECTORS PROVIDED WITH A TISSUE
TROPISM FOR DENDRITIC CELLS

Attorney Docket No.: 2578-4843US
Serial No.: 09/843,894
Filing Date: 4/27/2001
Title: AAV VECTOR PRODUCTION

Attorney Docket No.: 2578-3840.1US
Serial No.: 09/900,062
Filing Date: 7/6/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3935.1US
Serial No.: 09/912,552
Filing Date: 7/23/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3833.5US
Serial No.: 09/918,029
Filing Date: 7/30/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-4509.1US
Serial No.: 09/928,262
Filing Date: 8/10/2001
Title: GENE DELIVERY VECTORS WITH CELL TYPE
SPECIFICITY FOR PRIMARY HUMAN CHONDROCYTES

Attorney Docket No.: 2578-4123.1US
Serial No.: 09/953,280
Filing Date: 9/14/2001
Title: CHIMAERIC ADENOVIRUSES

Serial No.: 10/010,645

Attorney Docket No.: 2578-5148US
Serial No.: 10/002,750
Filing Date: 11/15/2001
Title: COMPLEMENTING CELL LINES

Attorney Docket No.: 2578-3833.6US
Serial No.: 10/038,271
Filing Date: 10/23/2001
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2183-5226US
Serial No.: 10/040,949
Filing Date: 1/7/2002
Title: INFECTION WITH CHIMAERIC ADENOVIRUSES OF CELLS
NEGATIVE FOR THE ADENOVIRUS SEROTYPE 5
COXSACKI ADENOVIRUS RECEPTOR (CAR)

Attorney Docket No.: 2578-5233US
Serial No.: 10/042,770
Filing Date: 1/9/2002
Title: GENE THERAPY FOR ENHANCING AND/OR INDUCING
ANGIOGENESIS

Attorney Docket No.: 2578-3833.7US
Serial No.: 10/125,751
Filing Date: 4/18/2002
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-3955.1US
Serial No.: 10/136,139
Filing Date: 5/1/2002
Title: MEANS AND METHODS FOR NUCLEIC ACID DELIVERY
VEHICLE DESIGN AND NUCLEIC ACID TRANSFER

Attorney Docket No.: 2578-4615.1US
Serial No.: 10/164,085
Filing Date: 6/4/2002
Title: COMPLEMENTING CELL LINES

Serial No.: 10/010,645

Attorney Docket No.: 2578-3833.8US
Serial No.: 10/219,414
Filing Date: 8/15/2002
Title: STOCKS OF REPLICATION DEFICIENT ADENOVIRUS

Attorney Docket No.: 2578-5233.1US
Serial No.: 10/224,249
Filing Date: 8/19/2002
Title: GENE THERAPY FOR ENHANCING AND/OR INDUCING
ANGIOGENESIS

Attorney Docket No.: 2578-4215.1US
Serial No.: 10/231,735
Filing Date: 8/28/2002
Title: INTERLEUKIN-3 GENE THERAPY FOR CANCER

Attorney Docket No.: 2578-4038.2US
Serial No.: 10/234,007
Filing Date: 9/3/2002
Title: RECOMBINANT PROTEIN PRODUCTION IN A HUMAN
CELL

Attorney Docket No.: 2578-4080.1US
Serial No.: 10/235,175
Filing Date: 9/4/2002
Title: TARGETED DELIVERY THROUGH A CATIONIC AMINO
ACID TRANSPORTER

Attorney Docket No.: 2578-4615.2US
Serial No.: 10/272,041
Filing Date: 10/15/2002
Title: COMPLEMENTING CELL LINES

Attorney Docket No.: 2578-5592US
Serial No.: 10/305,435
Filing Date: 11/25/2002
Title: METHODS AND MEANS FOR ENHANCING SKIN
TRANSPLANTATION USING GENE DELIVERY VEHICLES
HAVING TROPISM FOR PRIMARY FIBROBLASTS, AS WELL
AS OTHER USES THEREOF (PRIMAIRE FIBROBLASTEN)

Serial No.: 10/010,645

Attorney Docket No.: 2578-5832US
Serial No.: 10/381,088
Filing Date: 3/20/2003
Title: ADENOVIRAL VECTORS PROVIDED WITH A TROPISM FOR
DENDRITIC CELLS

Attorney Docket No.: 2578-5904US
Serial No.: 10/381,857
Filing Date: 3/26/2003
Title: ADENOVIRAL VECTORS FOR GENE DELIVERY IN
SKELETAL MUSCLE CELLS OR MYOBLASTS

Attorney Docket No.: 2578-3840.2US
Serial No.: 10/396,548
Filing Date: 3/25/2003
Title: PACKAGING SYSTEMS FOR HUMAN RECOMBINANT
ADENOVIRUS TO BE USED IN GENE THERAPY

Attorney Docket No.: 2578-5447US
Serial No.: 60/397,066
Filing Date: 7/18/2002
Title: RECOMBINANT PRODUCTION OF MIXTURES OF
ANTIBODIES

This Supplemental Information Disclosure Statement is filed after the mailing date of the first Office Action on the merits. The fee pursuant to 37 C.F.R. § 1.17(p) is enclosed.

Respectfully submitted,



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Enclosures: Form PTO-1449 or PTO/SB/08

Cited Documents

Check in the amount of \$180.00